

ABSTRACT OF THE DISCLOSURE

An artificial joint (1) suitable for use as an endoprosthesis for a human knee joint, having a first joint compartment (2) formed by a first condyle (3) and a first socket (4) and a second joint compartment (5) formed by a second condyle (6) and a second socket (7). The contact surfaces (C) of the respective joint compartments (2, 5) are offset in the main functional plane. To further improve the characteristics of the artificial joint (1), the contact surfaces (C) of the two joint compartments (2, 5) are sloped as a function of the flexion angle such that the surface normals (8, 9) of the contact surfaces (C) have a common point of intersection at every flexion angle. This arrangement of the contact surfaces (C) achieves self-stabilization of the joint (1) both when a rotary motion or torsion and when lateral forces are introduced.